

Notice of Allowability

Application No.

10/023,607

Examiner

George L. Walton

Applicant(s)

WOJCIECHOWSKI, THORSTEN

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3753

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview summary and the examiner's amendment.
2. ☒ The allowed claim(s) is/are 19-30 and 32.
3. ☒ The drawings filed on 18 December 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 6/23/04.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert C. Haldiman on June 22, 2004.

The application has been amended as follows:

Amendments to the Claims:

Please amend the claims as set forth below.

1-18 (Cancelled)

19. (Currently Amended) A solenoid valve control assembly adapted for controlling pressure valves in a block, comprising:

at least two solenoid valves each having a magnetic core and a sleeve, said ~~solenoid valve~~ sleeve being fixed to ~~the~~ said block;

said block having at least two integral solenoid ports and said block having at least two integral electrical pathways for signals controlling each of said solenoid valves;

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at least two winding housings having a first lead and a second lead;

at least two winding housings each adapted for mounting on ~~the block~~ each
of said sleeves, such that said windings is are in operative communication with
said magnetic cores of said solenoid valves;

each of said winding housings having a mounting face adapted to abut a
mounting seat on one of said ports of the said block;

each of said winding housings having a first pair of contacts, one contact of
said first pair of contacts being in electrical communication with said first lead of
said winding and the other contact of said pair of contacts being in electrical
communication with said second lead of said winding; and

each of said first pair of contacts being on said mounting face and being
disposed to establish electric communication with a second pair of contacts when
said winding housing is mounted on the block, said second pair of contacts being
on the mounting seat.

20. (Currently Amended) The device according to Claim 19, further
comprising of at least one frame projecting from a side wall of the block wherein
said winding housing is engaged with the ~~tubular~~ frame projecting from the side
wall of the block when the first pair of contacts and the second pair of contacts are
electrically engaged.

21. (Previously Presented) The device according to Claim 19, wherein said second pair of contacts are in electrical communication with a controller for controlling the operation of the valves supported by the block.

22. (Previously Presented) The device according to Claim 19, further comprising a block having at least one side wall with the second pair of contacts located on the at least one side wall and with an electronic controller; wherein said controller controls operation of valves within the block through electric communication between said first pair of contacts and said second pair of contacts.

23. (Previously Presented) The device according to claim 22 further comprising at least one other solenoid valve control assembly and at least one other mounting seat said mounting seat having at least one third pair of contacts.

24. (Previously Presented) The device according to Claim 22, wherein the controller is integrated within said block.

25. (Previously Presented) The device according to Claim 22, wherein said controller is removably attached to an upper portion of said at least one side wall of the block.

26. (Previously Presented) The device according to Claim 22, further including a cable run that extends between said second pair of contacts element

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located in the at least one side wall of the block and a central plug-in unit of the block.

27. (Previously Presented) The device according to Claim 26, wherein the cable run includes cables that are connected to a common reference potential in electric communication with said second pair of contacts and with said central plug-in unit of the block.

28. (Currently Amended) The device according to Claim 19, wherein said mounting face includes at least one contact pin disposed to engage a receptacle located in the mounting face.

29. (Previously Presented) The device according to Claim 19, wherein said winding housing includes an open face end having a circular plate with at least one opening that corresponds to said first pair of contacts.

30. (Previously Presented) The device according to Claim 29, further including a circular seal that is located between the circular plate and the winding housing.

31. (Cancelled)

32. (New)The device according to Claim 19 wherein said at least two solenoid valves, sleeves, magnetic cores and ports are opposing.

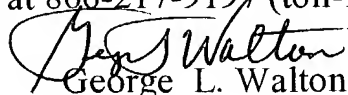
Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George L. Walton whose telephone number is 703-308-2596. The examiner can normally be reached on M-F, 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel can be reached on 703-308-1272. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


George L. Walton
Primary Examiner
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GLW